Met Office Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 00:00 on Friday 11 Aug 2023 until 23:59 on Saturday 12 Aug 2023

Forecast Issued on Thursday 10 Aug 2023 at 16:04

Confidence: High confidence for a trend towards cooler and more unsettled conditions through the period. Lower confidence in the details of showers or rain, and for the extent of low cloud.

Headline for Friday 11 Aug 2023: Cloud and rain clearing to bright or sunny spells and a few blustery showers.

Mountain weather hazards on Friday 11 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** High Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Sunny intervals	Sunny intervals	Light rain showers	Sunny intervals	Partly cloudy (night)
Precipitation probability							
60%	90%	30%	20%	20%	30%	10%	<05%

Forecast for Friday 11 Aug 2023

Weather: Cloud and bands of showery rain will gradually clear from the west through the early morning. Brighter by the afternoon with sunny spells developing widely. A few well-scattered and short-lived showers likely developing through the afternoon, blowing through quickly given the fresh and blustery winds. Dry by the evening, with skies clearing.

Chance of cloud-free hill tops above 600m: 30% in the west and 60% in the east initially. 80% widely by mid-morning.

Low Cloud and visibility: Extensive low cloud in association with early bands of showery rain. Bases around 400-600m, perhaps lower for westerly upslopes. Scattered cloud amounts by mid-morning with bases rising above summits. Scraps of low cloud may briefly shroud the highest summits in the vicinity of showers. Visibility good or very good, but moderate to poor in early rain and moderate in any afternoon showers.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Friday 11 Aug 2023

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/12 SW	18/25 SW	21/29 SW	19/27 SW	19/29 SW	20/30 SW	18/26 SW	16/24 SW	15/24 S
300	3/11 SW	11/23 SW	13/26 SW	13/25 SW	15/29 SW	15/29 SW	11/24 SW	8/20 SW	7/18 S
Valley	2/9 SE	10/23 SW	11/23 SW	12/24 SW	14/28 SW	13/27 SW	11/23 SW	7/19 S	9/20 S

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	16/15	14/12	13/10	12/9	14/11	15/11	14/10	12/9	11/8
300	17/18	16/15	15/13	15/13	18/15	18/15	16/14	14/13	13/12
Valley	18/19	17/16	16/14	16/14	19/16	19/16	18/16	16/15	15/14
Freezing Level*	3300m	3100m	2200m	2000m	2100m	2300m	2200m	2200m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

UV levels are expected to be moderate to high, especially in bright or sunny spells, so sun protection is advisable. Feeling blustery on elevated or exposed routes in the west.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 10 Aug 2023	1mm	1mm	4.4mm

Forecast for Saturday 12 Aug 2023

Weather: Cloudy spells and isolated showers early on. Cloud soon building with organised bands of heavy, showery, rain pushing across the Dales from late-morning. Clearing to an afternoon of bright spells and scattered showers. Showers perhaps becoming heavier and more widespread, with a risk of thunder. Showers largely fading late on. Cooler.

Maximum wind: Southwest 20mph, gusting 30-35mph. Easing late on to 15mph.

Chance of cloud-free hill tops above 600m: 40% at first in the west, and more widely late-morning. Improving to 80% early afternoon as rain clears.

Low Cloud and visibility: Cloud bases of around 600m in the early morning, mainly in the west. Bases lowering in association with the organised bands of heavy, showery rain to 500-600m. Cloud clearing from the west early afternoon with bases then mostly above summits. Bases may lower in the vicinity of afternoon showers to 600-800m, briefly covering the highest routes and tops. Visibility mainly good, but moderate to poor in any heavier showers or downpours.

Temperature: **Valleys:** Plus 16 Celsius, rising to Plus 20 Celsius.
At 600m: Plus 11 Celsius, rising to Plus 15 Celsius.
Freezing level: Remaining well above summits.

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